

In the Claims

Please amend the claims as follows:

14. (previously presented) A device for forming a deformable plastic material blank (2), having an open end (7), into a mold having an internal space shaped to correspond to a desired shape of a container (1); said device comprising:

    a receiving portion (4) for holding and sealing to said open end (7), said receiving portion having a receiving portion axial channel for accommodating a movable stretching die (11);

    a distributor module (14) having a module axial channel for accommodating a movable stretching die (11), said distributor module (14) engaging the receiving portion (4) in a fluid tight seal so that the receiving portion axial channel and module axial channel are axially aligned and so that the distributor module and receiving portion together have a device-side interior space (22), said distributor module further having at least one connector for at least one fluid line to connect the fluid line to the device-side interior space;

    a movable stretching die (11) arranged to be guided axially through the receiving portion axial channel and the module axial channel;

    a metering unit;

    at least one tubular line connected between the metering unit and said at least one connector of the distributor module, said tubular line being closable to seal the device-side interior space;

    a heating means for heating the blank (2) to render it readily deformable;

    an ignitor (12) positioned within the device-side interior space for igniting an explosive gas mixture within the blank (2); and

    a cooling means for cooling the finished container.

15. (previously presented) A device according to Claim 14 wherein the receiving portion (4) has, at an end opposite the container (1), an annular sealing surface (19) through which the stretching die (11) is movably passed, axially extending the receiving portion (4).

16. (previously presented) A device according to claim 14 wherein the closing means for sealing off the device-side interior space (22) is a check valve (23).

17. (previously presented) A device according to Claim 14 wherein the stretching die (11) is hollow and has at least one outlet aperture (20) arranged on a stretching die tip, at least one fluid inlet (21) and at least one internal channel (39) connecting aperture (20) and inlet (21).

18. (currently amended) A device for forming a deformable plastic material blank (2), having an open end (7), into a mold having an internal space shaped to correspond to a desired shape of a container (1); said device comprising:

a receiving portion (4) for holding and sealing to said open end (7), said receiving portion having a receiving portion axial channel for accommodating a movable stretching die (11);

a distributor module (14) having a module axial channel for accommodating a movable stretching die (11), said distributor module (14) engaging the receiving portion (4) in a fluid tight seal so that the receiving portion axial channel and module axial channel are axially aligned and so that the distributor module and receiving portion together have a device-side interior space (22), said distributor module further having at least one connector for at least one fluid line to connect the fluid line to the device-side interior space;

a movable stretching die (11) arranged to be guided axially through the receiving portion axial channel and the module axial channel;

a metering unit;

at least one tubular line connected between the metering unit and said at least one connector of the distributor module, said tubular line being closable to seal the device-side interior space;

a heating means for heating the blank (2) to render it readily deformable;  
an ignitor (12) positioned within the device-side interior space for igniting an explosive  
gas mixture within the blank (2); and  
a cooling means for cooling the finished container,  
wherein the stretching die (11) is hollow and has at least one outlet aperture (20) arranged on a  
stretching die tip, at least one fluid inlet (21) and at least one internal channel (39) connecting  
aperture (20) and inlet (21); and  
~~—A device according to Claim 17 wherein a check valve (23) is located within stretching die~~  
~~(11) proximate outlet aperture (20).~~

19. (previously presented) A device according to Claim 18 wherein the ignitor (12) is fitted in the hollow stretching die (11) between check valve (230 and outlet aperture (20) and is oriented to stop flow from the aperture (20) to inlet (21) and the ignitor is electrically connected by means of a cable (36) running in the hollow stretching die (11) to a control unit.

20. (previously presented) A device according to Claim 14 wherein the stretching die (11) is a steel tube (34) with a cap-shaped stretching die tip on which the fluid outlet (20) is fitted in a hole and the check valve (23) is provided with a valve body (37) movable with respect to a sealing seat (38) fitted inside the steel tube (34).

21. (previously presented) A device according to Claim 14 wherein a means is provided for moving receiving portion (4) perpendicular to its longitudinal axis (13).

22. (previously presented) A device according to claim 14 wherein the receiving portion (4) is widened at an end opposite distributor module (14) to form a service space (5) in which a centering ring (6) is fitted.

23. (previously presented) A device according to Claim 14 wherein an axially movable hollow piston (17) is arranged in the distributor module (14), said piston being provided with an annular opposing sealing surface (18) fitting a sealing surface (19) of the receiving portion (4).

24. (previously presented) A device according to Claim 23 wherein a seal (16) is fitted into a base of the distributor module (14) around the piston ((17).

25. (previously presented) A device according to Claim 14 wherein at least one supply line and at least one drainage line, connected to the metering unit, are connected to the distributor module (14).

26. (previously presented) A device according to Claim 14 wherein each of the supply lines and drainage lines are connected to the distributor module (14) are connected to a check valve (23), and the ignition means (12) is fitted in the distributor module (14).

27. (currently amended) A device for forming a deformable plastic material blank (2), having an open end (7), into a mold having an internal space shaped to correspond to a desired shape of a container (1); said device comprising:

a receiving portion (4) for holding and sealing to said open end (7), said receiving portion having a receiving portion axial channel for accommodating a movable stretching die (11);

a distributor module (14) having a module axial channel for accommodating a movable stretching die (11), said distributor module (14) engaging the receiving portion (4) in a fluid tight seal so that the receiving portion axial channel and module axial channel are axially aligned and so that the distributor module and receiving portion together have a device-side interior space (22), said distributor module further having at least one connector for at least one fluid line to connect the fluid line to the device-side interior space;

a movable stretching die (11) arranged to be guided axially through the receiving portion axial channel and the module axial channel;

a metering unit;

at least one tubular line connected between the metering unit and said at least one connector of the distributor module, said tubular line being closable to seal the device-side interior space;

a heating means for heating the blank (2) to render it readily deformable;

an ignitor (12) positioned within the device-side interior space for igniting an explosive gas mixture within the blank (2); and

a cooling means for cooling the finished container A device according to Claim 14 wherein ~~the~~ a hollow piston (17) is provided with an annular seat (47, 48) on an end facing the receiving portion (4), and the stretching die (11) carries a radially widened portion (46) perpendicular to its longitudinal axis (13) on an end movable into the container to be manufactured for engagement with the sealing seat.